

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	434	((wafer or web\$4) near bond\$4) with hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:03
L6	5931	(ir or infrared) with gas \$4 with (sensor or detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:03
L7	5	5 and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:03
L8	728	((wafer or web\$4) near bond\$4) same hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:10
L9	12	6 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:10
L10	9	9 and filter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:10
L11	9	9 and (filter\$4 with (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 20:10

L21	54	((ir or infrared) with gas\$4 with (sensor or detector)) and ((heat \$4 near (element or conduct\$4)) same (test \$4 or calibrat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:05
L22	36	((ir or infrared) with gas\$4 with (sensor or detector)) and ((heat \$4 near (element or conduct\$4)) same (sensor or detector or thermopile) same (test \$4 or calibrat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:05
L23	168	((ir or infrared) near2 (sensor or detector)) and ((heat\$4 near (element or conduct \$4)) same (sensor or detector or thermopile) same (test \$4 or calibrat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:12
L24	58	((ir or infrared) near2 (sensor or detector)) and ((heat\$4 near (element or conduct \$4)) with (sensor or detector or thermopile) with (test \$4 or calibrat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:13
L25	52	24 not 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:16
L26	12	25 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/08 21:17
S1	1	10/528181	US-PGPUB; USPAT	OR	ON	2007/10/26 12:13
S2	9	KRUMMEL near CHRISTIAN	US-PGPUB; USPAT	OR	ON	2007/10/26 15:33
S3	3	S2 and chip	US-PGPUB; USPAT	OR	ON	2007/10/26 12:03
S4	1	("5721430").PN.	USPAT	OR	OFF	2007/10/26 12:03

S5	825	(ir or infrared) near2 gas\$3 near2 (sensor or detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:34
S6	87	S5 and ((thermopile or thermocouple) with (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:06
S7	3	S6 and (fabry\$ near2 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:44
S8	25	S6 and ((filter or sensor or detector) near3 (chip or substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:45
S9	6	S8 and ((absorbing or absorption) near (film or layer or coat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 16:20
S10	4	S6 and (second near (sensor or detector)) and (second near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 16:20
S11	11	("5650624").URPN.	USPAT	OR	ON	2007/10/26 16:57
S12	211	((ir or infrared) with gas\$3) same ((thermopile or thermocouple) with (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:07
S13	10	S12 and (resistor same diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:07

S14	2909	(ir or infrared) near2 gas\$3 near2 (sensor or detector or analy\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:58
S15	6121	((ir or infrared) near2 (sensor or detector or analy\$4)) with gas\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:59
S16	6702	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:59
S17	43	S16 and (filter same hermetic\$4 same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:00
S18	57	("3032655"   "3662171"   "3793525"   "3811776"   "4456919"   "4500207"   "4520265"   "4527896"   "4578762"   "4694173"   "4709150"   "4722612"   "4765752"   "4772790"   "4790324"   "4980847"   "5026992"   "5041723"   "5060508"   "5095913"   "5100479"   "5163332"   "5165796"   "5186541"   "5222389"   "5326173"   "5340986"   "5444249").PN. OR ("5721430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:01

S19	57	("3032655"   "3662171"   "3793525"   "3811776"   "4456919"   "4500207"   "4520265"   "4527896"   "4578762"   "4694173"   "4709150"   "4722612"   "4765752"   "4772790"   "4790324"   "4980847"   "5026992"   "5041723"   "5060508"   "5095913"   "5100479"   "5163332"   "5165796"   "5186541"   "5222389"   "5326173"   "5340986"   "5444249").PN. OR ("5721430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:01
S20	13	S18 and hermetic\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:02
S21	7	S18 and (filter same hermetic\$4 same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:02
S22	114	S16 and (filter same sealed same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19
S23	87	S22 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19

S24	84	S23 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19
S25	43	S16 and (filter with sealed with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S26	31	S25 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S27	31	S26 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S28	74	S17 or S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:33
S29	25	S28 and ((partition\$3 or isolat\$4) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:34
S30	6	S28 and (partition\$3 with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:34
S31	10	KRUMMEL near CHRISTIAN	US-PGPUB; USPAT	OR	ON	2009/08/29 13:11
S32	75174	((ir or infrared or gas \$3) near2 (sensor or detector)) same (infrared or ir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:50

S33	1219	S32 and (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:50
S34	309	S32 and ((hermetic\$4 near2 seal\$4) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:51
S35	152	S34 and ((pcb or (circuit near board) or wafer or chip) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:52
S36	1	(bonding near web) with (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:24
S37	2622	(bonding near web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
S38	1615	(bonding adj web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
S39	5107	(bond\$4 adj web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
S40	6	S39 and 250/3\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28

S41	23	(bond\$4 near web) same (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:29
S42	10	(bond\$4 adj web) same (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:29
S43	514	((((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and ((sensors or detectors) with (seal\$4 or airtight or hermetic \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:09
S44	51	((((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and (((sensors or detectors) with (seal\$4 or airtight or hermetic \$4)) same bond\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:10
S45	9	((((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and (((sensors or detectors) with (seal\$4 or airtight or hermetic \$4)) same bond\$4 same filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:13
S46	3	(bond\$4 adj web) with hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:20
S47	372	(bonding adj material) with hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21
S48	0	S43 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21



S49	0	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21
S50	9	((ir or infrared) near2 (sensor or detect\$3 or analy\$4))) and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:22
S51	1	"20030154487".pn.	US-PGPUB; USPAT	OR	ON	2009/08/30 18:26
S52	142	(bonded) with hermetic \$4 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
S53	77	(bonded) near3 hermetic\$4 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
S54	1	(bonded) near3 hermetic\$4 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
S55	7	(bonded) with hermetic \$4 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
S56	5458	(chip or wafer) with (hermetic\$4 near2 seal \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:45
S57	281	(chip or wafer) with (hermetic\$4 near2 seal \$4) with (together or (each near other))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:46

S58	5	S57 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:46
S59	83	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and ((sensors or detectors) with (cavit \$4 or recess\$4 or pit or groov\$4) with (heat \$4 or thermal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:57
S60	37	S59 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:57
S61	41	S43 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:58
S62	6	S59 and (hermetic\$4 near4 (sensor or detect \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:58
S63	20	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) same (fabry near perot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 19:09

**EAST Search History (I nterference)**

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